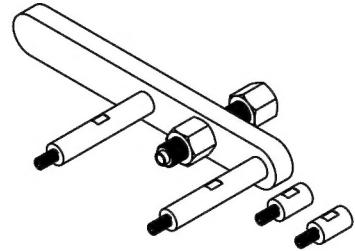
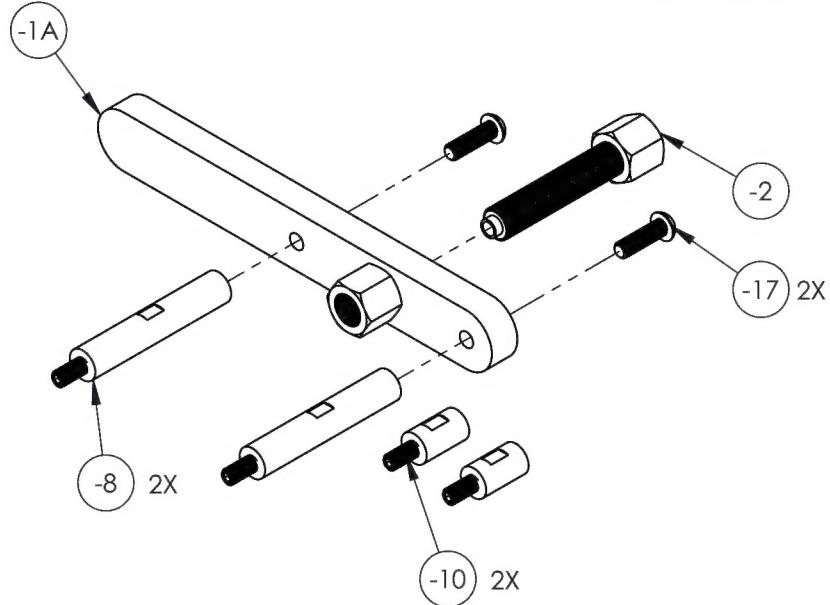


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REVISIONS						
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED	
1		MATERIAL FOR -7 CH'D TO H-13 AFTER CRACKING PROBLEM.	1/20/2003			
2		-9 & -11 MATERIAL CH'D TO ROUND BAR FOR EASE OF MANUFACTURE.	7/25/2003			
3		SEPARATED -7 PULLER & -5 SHAFT PLUG INTO 269T9336-101 LOWER PULLEY KIT, THE REMAINING ITEMS 269T9336-105 JACK SCREW SET.	10/24/2006	WP		
4		ADDED SET SCREW & DIM TO -9 & -11, ALSO NEW REVISION TABLE.	8/6/2007	WP		
5		CHANGED HIGH NUT TO COUPLING NUT BY MCMASTER-CARR.	10/28/2008	WP		
5A		CH'D REVISIONS TO NUMERICAL, CH'D TITLEBLOCK & REVISION BLOCK, MOVED P/N'S -3, -9, & -11 TO SHEET 2.	7/1/2009	RJC	RW	
5B		ADDED INSTRUCTIONS.	2/16/2010	RJC	RW	
5C		ADDED NOTE 2.	12/23/2010	RJC	RW	
6	16-0043	DELETED NOTE 2, -1A & -2 ADDED WELDMENT. -1 CH'D DIM WAS Ø.377 X 2 IS 2X Ø.397, ADDED 3X .75. -1A ADDED NOTE 1, -3 ADDED DIM 118°. -8 & -10 ADDED ASSY. DRAWING. -9 ADDED ENGRAVE .9, -11 ADDED ENGRAVE ".11", ADDED P/N'S FOR BUYOUTS -13, -15 & -17.	2/23/2016	RJC	JAG	



NOTES:

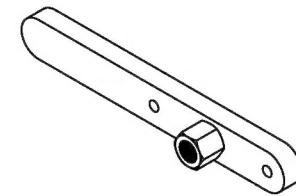
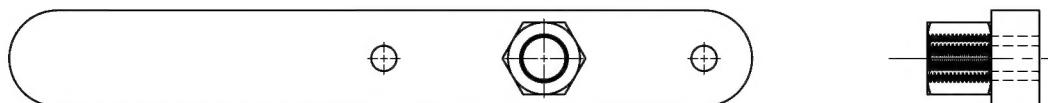
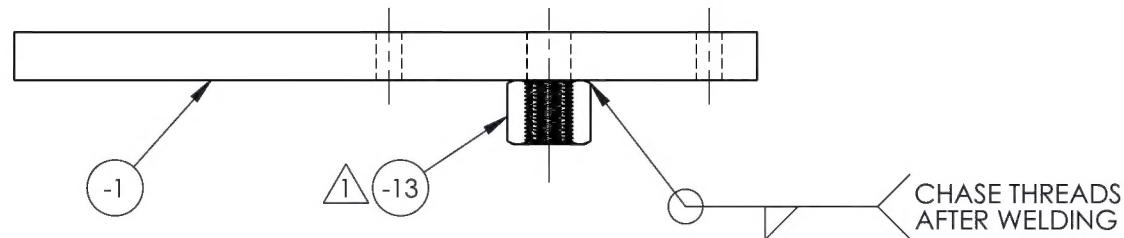
1. USED IN CONJUNCTION WITH 369T9336-101 AND 369T9336-103 PULLEY BEARING PULLER KITS.
3. REFERENCE SCHWEIZER SERVICE LETTER L-174.
4. USED ON MODEL SCHWEIZER 269 UPPER & LOWER PULLEY BEARINGS.

	ASSY QTY	ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS	PG.
			1		-1		BAR	1018/1020 CR		3
			X		-1A	1	BAR WELDMENT			2
		X			-2	1	PULLER BOLT WELDMENT			4
			1		-3		ALL THREAD	STEEL, B7	3/4-16 X 4-1/2 (MCMASTER-CARR #98750A496) MOD.	5
X					-8	2	ATTACHMENT ROD ASSY.			6
1					-9		ATTACH ROD	SP		7
X					-10	2	ATTACHMENT ROD ASSY.			8
1					-11		ATTACH ROD	SP		9
	1	1		B/O	-13		COUPLING NUT	STEEL, GRD 8	3/4-16 (MCMASTER-CARR #90565A340)	2
1	1			B/O	-15		SET SCREW	S.S.	3/8-16 X 1-1/2 (MCMASTER-CARR #92311628)	6, 8
				B/O	-17	2	B. H. SOCKET HEAD CAP SCREW	STEEL	3/8-16 X 1-1/4 (MCMASTER-CARR #91255A626)	1
ASSY -10	ASSY -8	ASSY -2	ASSY -1A							

													
TITLE PULLEY BEARING SCREW SET													
DWG NO. 269T9336-105 REV 6													
<table border="0"> <tr> <td style="vertical-align: top;"> MAT'L HEAT TREAT FINISH </td> <td style="vertical-align: top;"> UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ± 5° X ± .1 SURFACES = 125 </td> </tr> <tr> <td colspan="2"> SPEC DRAWN BY: COLE CHECKED: DUERFELDT OPPS APPR: ANDERSON QA APPR: LINDSAY APPROVED: GILBERT </td> </tr> <tr> <td colspan="2"> USED ON MODEL SEE NOTE 3 & 4 </td> </tr> <tr> <td style="text-align: center;">SCALE 1:4</td> <td style="text-align: center;">DATE 12/13/2001</td> <td style="text-align: center;">SHEET 1 OF 10</td> <td></td> </tr> </table>				MAT'L HEAT TREAT FINISH	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ± 5° X ± .1 SURFACES = 125	SPEC DRAWN BY: COLE CHECKED: DUERFELDT OPPS APPR: ANDERSON QA APPR: LINDSAY APPROVED: GILBERT		USED ON MODEL SEE NOTE 3 & 4		SCALE 1:4	DATE 12/13/2001	SHEET 1 OF 10	
MAT'L HEAT TREAT FINISH	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ± 5° X ± .1 SURFACES = 125												
SPEC DRAWN BY: COLE CHECKED: DUERFELDT OPPS APPR: ANDERSON QA APPR: LINDSAY APPROVED: GILBERT													
USED ON MODEL SEE NOTE 3 & 4													
SCALE 1:4	DATE 12/13/2001	SHEET 1 OF 10											

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REVISIONS							
REV	ECR	DESCRIPTION			DATE	INITIAL	APPROVED
6	16-0043	-1A	ADDED WELDMENT, ADDED NOTE 1.		2/23/2016	RJC	JAG



NOTE:

△ USE 3/4-16 ROD TO ALIGN PRIOR TO WELDING.

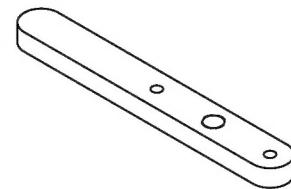
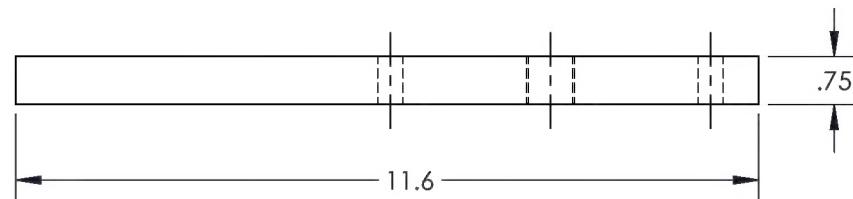
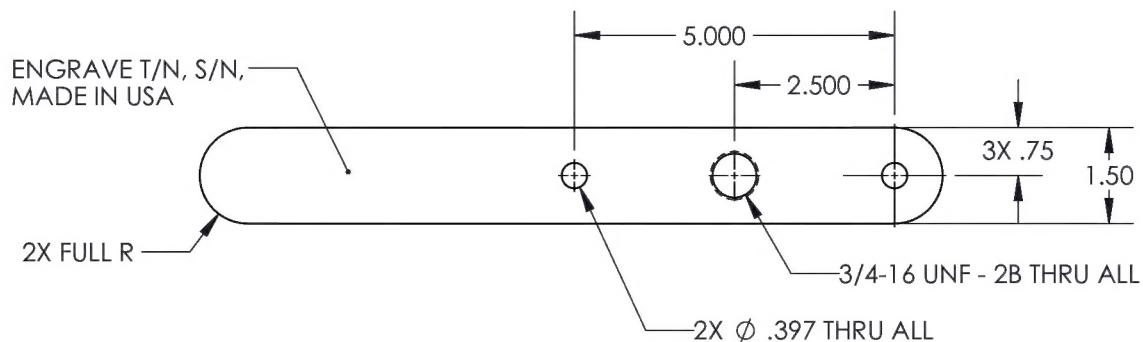
-1A

BAR WELDMENT

DART AEROSPACE	
TITLE	PULLEY BEARING SCREW SET
DWG NO.	269T9336-105-1A
REV	6
MAT'L	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
HEAT	.XXX ± .005 FRACTIONS ± 1/8
TREAT	.XX ± .01 ANGLES ± 5°
FINISH	BLACK OXIDE
SPEC	X ± .1 SURFACES = 125 ✓
DRAWN BY:	COLE
CHECKED:	DUERFELDT
OPPS APPR:	ANDERSON
QA APPR:	LINDSAY
APPROVED:	GILBERT
USED ON MODEL	
SEE NOTE 4 SHT 1	
SCALE	1:3
DATE	12/13/2001
SHEET 2 OF 10	

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
6	16-0043	-1 CH'D DIM WAS \varnothing .377 X 2 IS 2X \varnothing .397, ADDED 3X .75.	2/23/2016	RJC	JAG



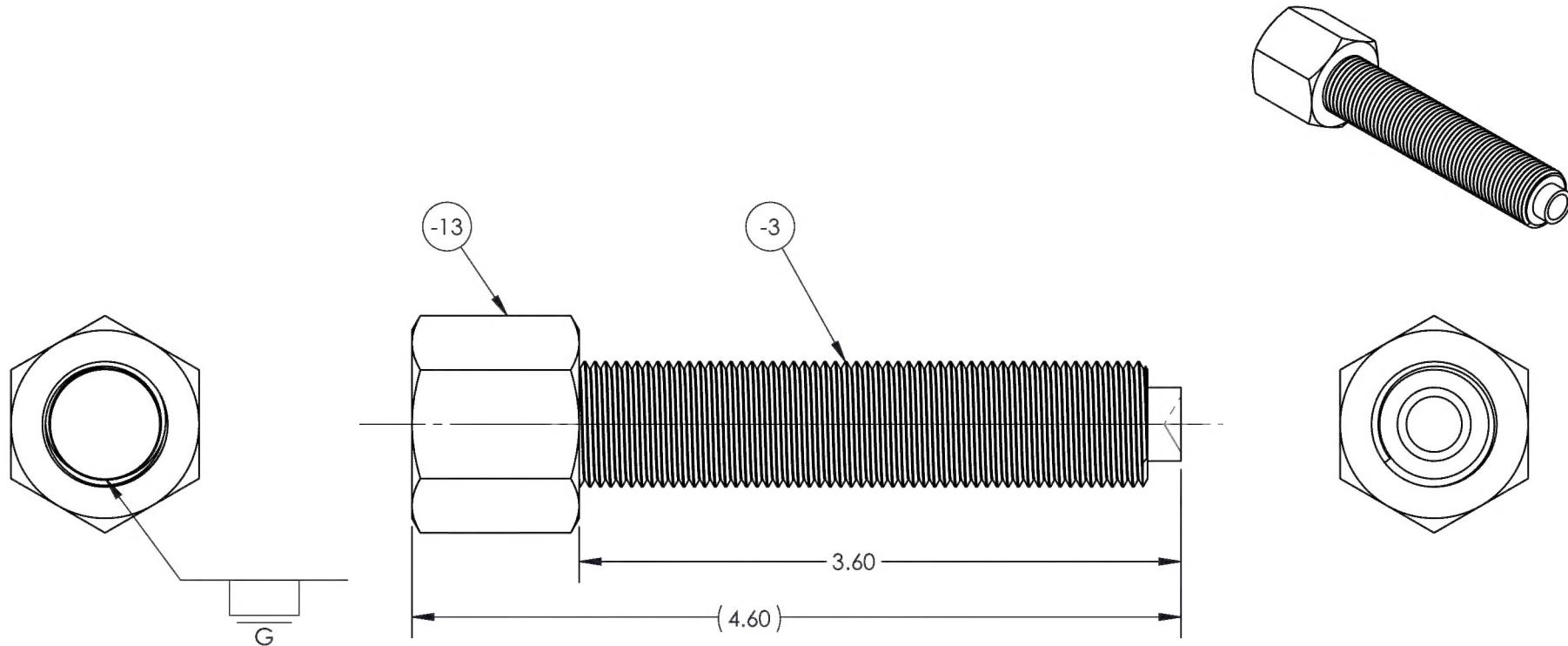
(-1)

BAR

DART AEROSPACE	
TITLE	
PULLEY BEARING SCREW SET	
DWG NO.	269T9336-105-1
REV	6
MATERIAL 1018/1020 CR	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
HEAT	.XXX ± .005 FRACTIONS ± 1/8
TREAT	.XX ± .01 ANGLES ± 5°
FINISH SEE - 1A	X ± .1 SURFACES = 125 ✓
SPEC	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
DRAWN BY:	COLE
CHECKED:	DUERFELDT
OPPS APPR:	ANDERSON
QA APPR:	LINDSAY
APPROVED:	GILBERT
USED ON MODEL	
SEE NOTE 4 SHT 1	
SCALE	1:3
DATE	12/13/2001
SHEET 3 OF 10	

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REV			ECR			DESCRIPTION			DATE			INITIAL			APPROVED		
6			16-0043			-2 ADDED WELDMENT.			2/23/2016			RJC			JAG		

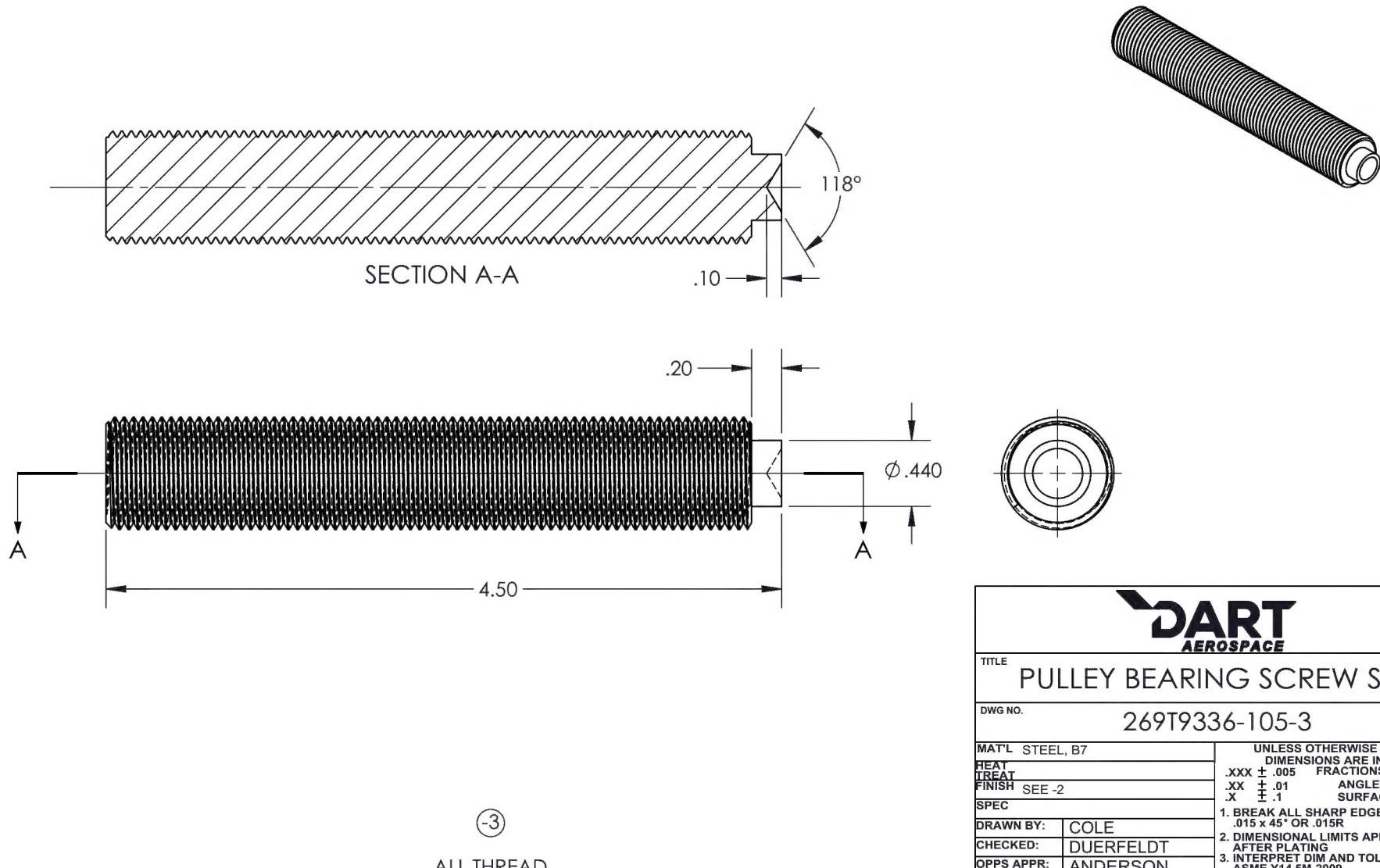


PULLER BOLT WELDMENT

	
TITLE	
DWG NO.	PULLEY BEARING SCREW SET
REV	6
MAT'L	UNLESS OTHERWISE SPECIFIED
HEAT	DIMENSIONS ARE IN INCHES
TREAT	.XXX ± .010 FRACTIONS ± 1/8
FINISH	.XX ± .03 ANGLES ± 1°
SPEC	X ± .1 SURFACES = 125 ✓
DRAWN BY:	COLE
CHECKED:	DUERFELDT
OPPS APPR:	ANDERSON
QA APPR:	LINDSAY
APPROVED:	GILBERT
USED ON MODEL	SEE NOTE 4 SHT 1
SCALE	1:1
DATE	12/13/2001
SHEET	4 OF 10

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
1	16-0043	-3 ADDED DIM 118°.	2/23/2016	RJC	JAG

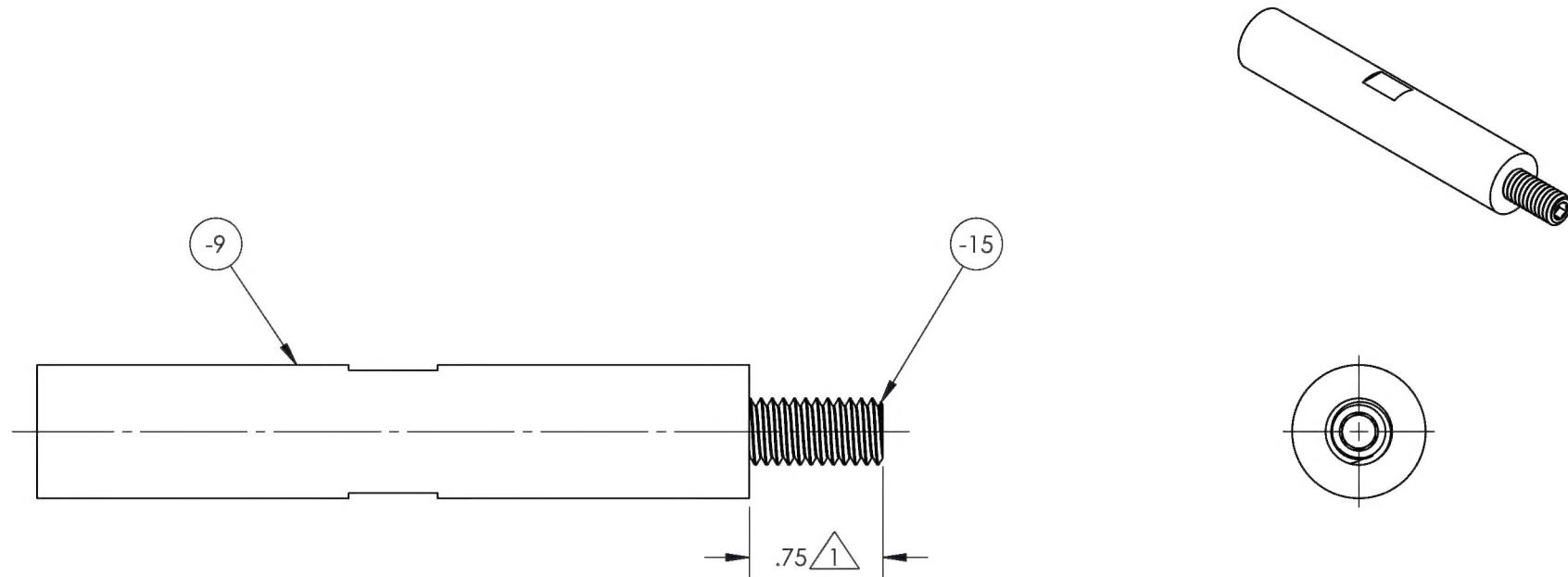


DART AEROSPACE	
TITLE	
PULLEY BEARING SCREW SET	
DWG NO. 269T9336-105-3	
REV 6	
MATERIAL STEEL, B7	
HEAT	
TREAT	
FINISH SEE -2	
SPEC	
DRAWN BY: COLE	
CHECKED: DUERFELDT	
OPPS APPR: ANDERSON	
QA APPR: LINDSAY	
APPROVED: GILBERT	
SCALE 1:1	DATE 12/13/2001
SHEET 5 OF 10	

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
.XXX ± .005 FRACTIONS ± 1/8
.XX ± .01 ANGLES ± 5°
X ± .1 SURFACES = 125 ✓
1. BREAK ALL SHARP EDGES
.015 x 45° OR .015R
2. DIMENSIONAL LIMITS APPLY
AFTER PLATING
3. INTERPRET DIM AND TOL PER
ASME Y14.5M-2009
USED ON MODEL
SEE NOTE 4 SHT 1

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
6	16-0043	-8 ADDED ASSY. DRAWING.	2/23/2016	RJC	JAG



NOTE:

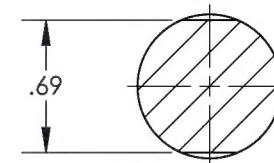
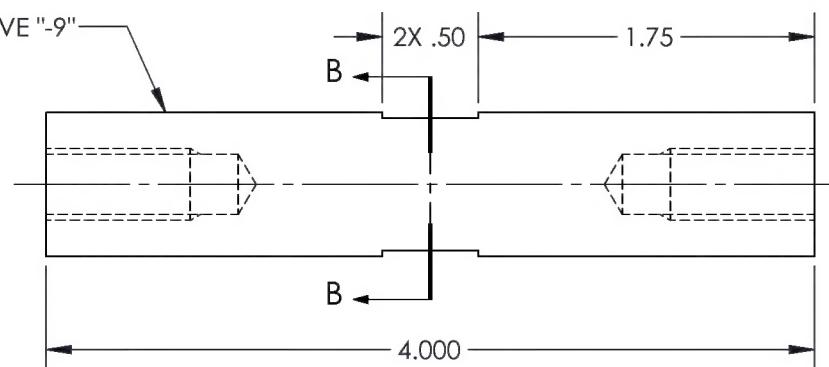
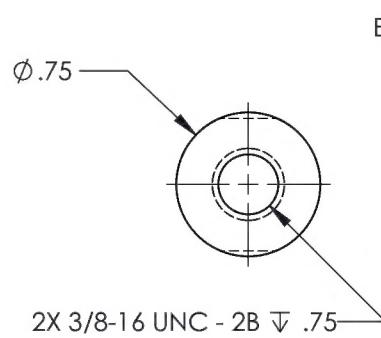
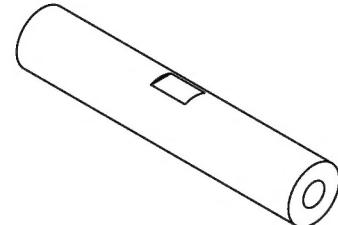
△ LOCTITE -15 INTO -9.

(-8)
ATTACHMENT ROD ASSY.

DART AEROSPACE	
TITLE	PULLEY BEARING SCREW SET
DWG NO.	269T9336-105-8
REV	6
MAT'L	UNLESS OTHERWISE SPECIFIED
HEAT	DIMENSIONS ARE IN INCHES
TREAT	.XXX ± .010 FRACTIONS ± 1/8
FINISH	.XX ± .03 ANGLES ± 1°
SPEC	X ± .1 SURFACES = 125 ✓
DRAWN BY:	COLE
CHECKED:	DUERFELDT
OPPS APPR:	ANDERSON
QA APPR:	LINDSAY
APPROVED:	GILBERT
USED ON MODEL	SEE NOTE 4 SHT 1
SCALE	1:1
DATE	12/13/2001
SHEET 6 OF 10	

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
2		-9 MATERIAL CH'D TO ROUND BAR FOR EASE OF MANUFACTURE.	7/25/2003		
4		ADDED SET SCREW & DIM TO -9, ALSO NEW REVISION TABLE.	8/6/2007	WP	
6	16-0043	-9 ADDED ENGRAVE ".9".	2/23/2016	RJC	JAG



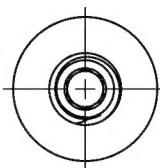
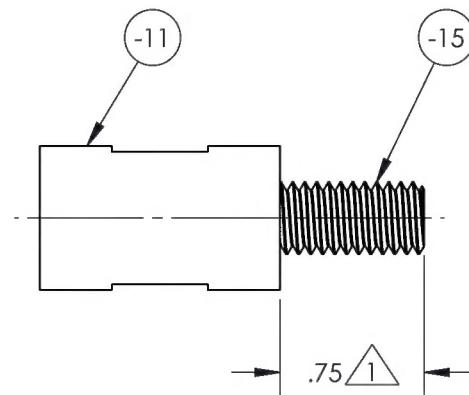
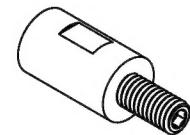
SECTION B-B

(-9)
ATTACH ROD

DART AEROSPACE	
TITLE	
PULLEY BEARING SCREW SET	
DWG NO. 269T9336-105-9	
REV	6
MATERIAL SP	
HEAT	
TREAT	
FINISH BLACK OXIDE	
SPEC	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
.XXX ± .010 FRACTIONS ± 1/8	
.XX ± .03 ANGLES ± 1°	
X ± .1 SURFACES = 125 ✓	
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
DRAWN BY: COLE	
CHECKED: DUERFELDT	
OPPS APPR: ANDERSON	
QA APPR: LINDSAY	
APPROVED: GILBERT	
USED ON MODEL	
SEE NOTE 4 SHT 1	
SCALE	1:1
DATE	12/13/2001
SHEET 7 OF 10	

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REVISIONS							
REV	ECR	DESCRIPTION			DATE	INITIAL	APPROVED
6	16-0043	-10	ADDED ASSY. DRAWING.		2/19/2016	RJC	JAG



(-10)

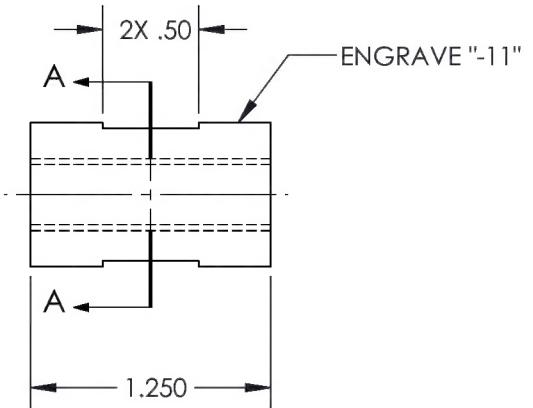
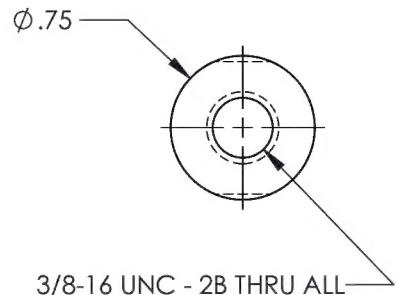
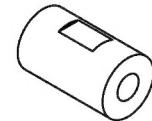
ATTACHMENT ROD ASSY

NOTE:
⚠ LOCTITE -15 INTO -11.

DART AEROSPACE	
TITLE	PULLEY BEARING SCREW SET
DWG NO.	269T9336-105-10
REV	6
MAT'L	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
HEAT	.XXX ± .010 FRACTIONS ± 1/8
TREAT	.XX ± .03 ANGLES ± 1°
FINISH	X ± .1 SURFACES = 125
SPEC	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
DRAWN BY:	COLE
CHECKED:	DUERFELDT
OPPS APPR:	ANDERSON
QA APPR:	LINDSAY
APPROVED:	GILBERT
USED ON MODEL	SEE NOTE 4 SHT 1
SCALE	1:1
DATE	12/13/2001
SHEET 8 OF 10	

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REVISIONS						
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED	
2		-11 MATERIAL CH'D TO ROUND BAR FOR EASE OF MANUFACTURE.	7/25/2003			
4		ADDED SET SCREW & DIM TO -11, ALSO NEW REVISION TABLE.	8/6/2007	WP		
6	16-0043	-11 ADDED ENGRAVE "-11".	2/23/2016	RJC	JAG	



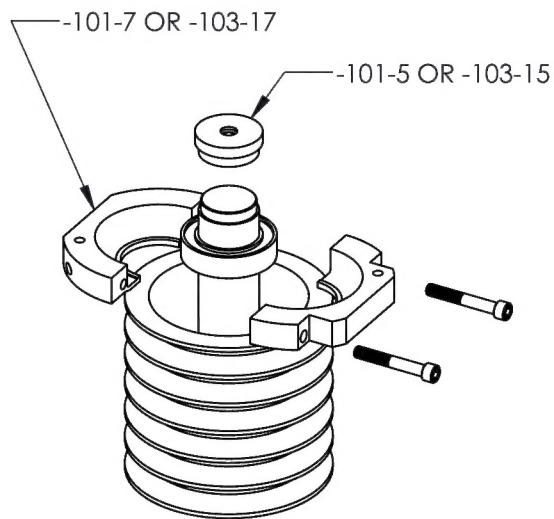
(-11)

ATTACH ROD

DART AEROSPACE	
TITLE	
PULLEY BEARING SCREW SET	
DWG NO. 269T9336-105-11	
REV	6
MATERIAL SP	
HEAT	
TREAT	
FINISH BLACK OXIDE	
SPEC	
DRAWN BY: COLE	
CHECKED: DUERFELDT	
OPPS APPR: ANDERSON	
QA APPR: LINDSAY	
APPROVED: GILBERT	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX \pm .010 FRACTIONS \pm 1/8 .XX \pm .03 ANGLES \pm 1° X \pm .1 SURFACES = 125	
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
USED ON MODEL	
SEE NOTE 4 SHT 1	
SCALE	1:1
DATE	12/13/2001
SHEET 9 OF 10	

STEP 1:
FROM KIT -101 OR -103
SLIDE THE PULLER BODY
HALVES UNDER THE
BEARING AND FASTEN
TOGETHER WITH CAP
SCREWS AS SHOWN.
PLACE -101-5 OR -103-
15 SHAFT PLUG ON THE
END OF SHAFT.

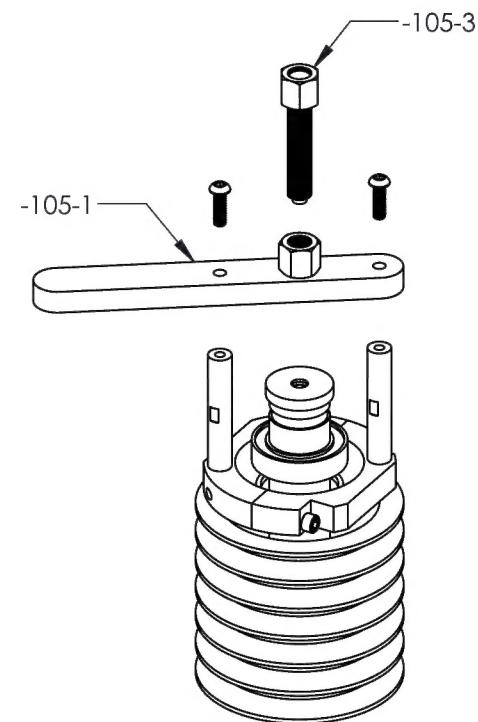
NOTE:
ENSURE THE -101-5 OR -
103-15 SHAFT PLUG HAS
A BALL BEARING
INSTALLED IN IT. IF IT
DOES NOT, REPLACE IT
BEFORE USING TOOL.



STEP 3

ATTACH -105-1 BAR SECURELY
TO RODS USING CAP SCREWS
AS SHOWN.
LUBRICATE THREADS OF -105-3
PULLER BOLT AND SCREW
THROUGH -105-1 BAR AND INTO
-101-5 OR -103-15 SHAFT PLUG.

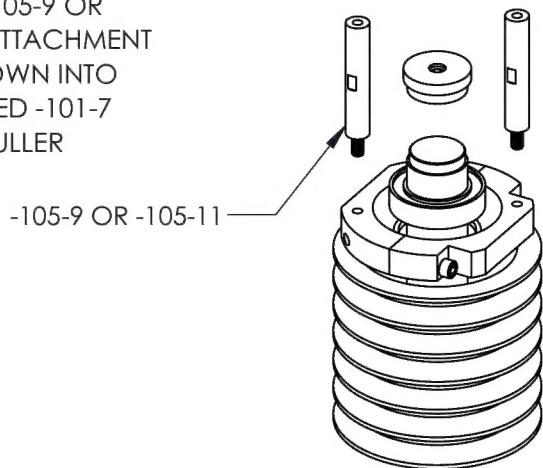
USING A 1-1/8 WRENCH
TIGHTEN -105-3 BOLT UNTIL
BEARING IS REMOVED FROM
SHAFT.



NOTE:
DO NOT USE IMPACT WRENCH
OR ANY OTHER POWER TOOL
TO PULL BEARING.

NOTE:
LONG END OF -105-1 BAR MAY
BE HELD IN A VICE AS
NECESSARY.

NOTICE:
-101, -103 AND -105 KITS SOLD SEPARATELY.



DART AEROSPACE	
190 S. Danebo Ave., Eugene, OR. 97402	
1-800-556-4166	
e-mail: sales@dart aerospace.com	
TITLE	PULLEY BEARING SCREW SET
DWG NO.	269T9336-105
REV	6
CUSTOMER	1 OF 1
SCALE	1:6
DATE	12/23/2010
SHEET	10 OF 10